



Yankees Sizzle In Red-Hot Iran

Supplies for Russia Rushed In Temperatures Up to 150 Degrees.

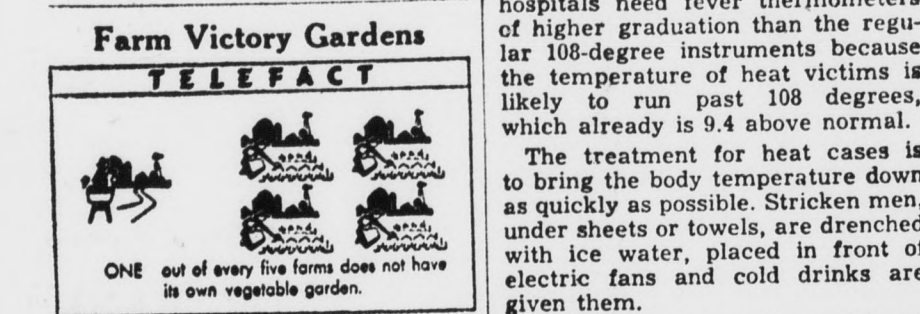
Castor Beans Furnish Base for Insecticide

U. S. Can Grow Needed Poisons, Say Chemists

For a number of years the United States has been importing many millions of pounds of insecticides from foreign sources, many of which are now cut off by the war. J. Edmund Good, vice president of a chemical company, told members of the Mid-American Chemurgic conference and the National Farm Chemurgic council at their joint convention in Cincinnati, recently.

Raw materials for the larger part of our food insecticide needs today can be grown right on the nation's farms, he continued. Probably 90 per cent of those importations upon which we formerly depended can be replaced with products from our own American farms. There is a direct connection between an adequate domestic supply of insecticides and our domestic crop of castor beans which was recently begun.

A newly developed insecticide, commercially called "Sera Kast," is derived from the castor bean.



Farm Victory Gardens TELEFACT

ONE of our own vegetable gardens is our own vegetable garden.

plant, including the stems and leaves. Because of the many uses for castor oil in vital war products, there has not been sufficient quantities of castor plants available to manufacture any important quantity of the new spray. Mr. Good said this situation may improve, he went on, if dehydrated castor leaves can be obtained. We know that we will have to have very large tonnages of materials to meet 1944 demands for the finished product.

For example, one of the large citrus growers in Florida had a crop this year that was much greater and of better quality than last year, and was still better than the previous year's crop. This is the first year that he used the new insecticide exclusively.

Somewhat similar results were obtained with potatoes in Maine. Two or three years ago when we began experimenting with the spraying of vegetables, we watched those experiments very closely. The results obtained in the years 1942 and 1943 satisfy us that the spray will adequately protect vegetables from the insects that infest them, and will produce a better quality of vegetable. And remember, Mr. Good emphasized, that no imported materials need be used if castor beans were grown in this country in quantity.

All the possibilities of the new insecticide have not been explored and experimental work is going on continually. For instance, it has been combined with sulphur, copper and used in commercial applications for control of red spider, purple mite, six-spotted mite, rust mite, melonworm and many soft-bodied insects that infest vegetables.

It is not claimed that this insecticide will kill all insects. In some cases it seems to act as a repellent, in other cases as a contact poison on sucking insects such as aphids, trips, lice, mealy bugs, leaf hoppers, and red bugs; and controls chewing insects such as beetles, caterpillars and cutworms. A few of the many crop insects that have been reported to us as being controlled are:

- Beans: Mexican bean beetle, aphids, leaf rollers.
- Beets: Flea beetles, worms.
- Cabbage: Imported cabbage worms, cabbage loopers.
- Cucumbers: Melon aphids, mealy worms, beetles.
- Potatoes: Aphids, beetles, leaf hoppers, leaf rollers and flea beetles.
- Squash: Flea beetles, aphids, cabbage loopers, worms.
- Tomatoes: Fruit worms, flea beetles.
- Lettuce: Worms.
- Past: Aphids, beetles.

The purpose in mentioning these details and properties is not to advertise a specific insecticide, but to point out that an efficient insecticide can be made from farm crops grown in the United States for the United States.

Farm Notes

Expenditure of a few cents for a vermiform, such as phenothiazine, for goats, is considered a good investment by veterinarians.

More than a million pounds of beets are a year is needed for use in war products, adhesives, waterproofing for shells, belts, machinery, and protective covering for military planes.

Forestry Service Man Evades Lightning Twice

MEDFORD, ORE. — Forest Service Lookout Man Francis Bush didn't wait for the third strike. Lightning struck his lookout post, struck a fire tower, and then struck him. Bush was unharmed, he lifted the telephone.

A second bolt hit the telephone. Again Bush escaped injury. This time he drove for help.

Liberty Chapel

Liberty Chapel, Nov. 17. The Liberty Chapel home demonstration club met the 10th inst. in the home of Mrs. John W. Struggs. Mrs. B. G. Anderson demonstrated home-made gifts for Christmas, which were both attractive and serviceable.

Mr. and Mrs. Charles W. Struggs of Newport News visited in the home of Mr. and Mrs. J. W. Struggs last week-end.

Captain and Mrs. Lyle Garrett, Marshall Garrett, of Lynchburg and little son, Kenneth, of Appomattox, and Mr. and Mrs. J. W. Struggs, of Newport News, were guests.

Miss Margaret Garrett and brother, Marshall Garrett, of Lynchburg and little son, Kenneth, of Appomattox, and Mr. and Mrs. J. W. Struggs, of Newport News, were guests.

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Hixburg

Hixburg, Nov. 16. Roll call and Dollar D. J. was observed Sunday at the Baptist Church here. Services were conducted by the Rev. W. M. Fick.

Mr. and Mrs. P. H. Hixburg and children, of Phoenix, spent Sunday with her parents, Mr. and Mrs. J. W. Fick.

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